



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### MIDTERM EVALUATION

**Date: 8 May 2025, 10.00 AM**

**Session Link:** <https://meet.google.com/zhb-tvah-gyf>

**Note:** Only the below-mentioned project teams should join the session

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE (S)	NAME OF THE STUDENT (S)
1.	48S_BE_1352	DESIGN AND DEVELOPMENT OF AN AI INTEGRATED MULTI PURPOSE ROBOTIC ARM FOR DIVERSE INDUSTRIAL AND DOMESTIC APPLICATION	B.E.	MECHANICAL ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Mr. SWAROOP GANNAMANI Dr. VIGNESH NAYAK ULLAL	Mr. ROHAN KALAS Mr. SKANDA SV
2.	48S_BE_2952	STRUCTURAL ANALYSIS AND DESIGN OF A MULTI-APPLICATION BLOCK CUTTING MACHINE FOR RURAL AGRICULTURAL COMMUNITIES	B.E.	MECHANICAL ENGINEERING	MANIPAL INSTITUTE OF TECHNOLOGY, MANIPAL	Dr. ARUNKUMAR H S	Mr. MUZAMMIL NAZEER AHAMED Mr. ARYAN PURI Mr. LEON JERALD ANDRADE
3.	48S_BE_0642	PERFORMANCE, COMBUSTION AND EMISSION ANALYSIS OF BIODIESEL FROM TERNARY BLENDS OF SAFFLOWER OIL, MUTTON TALLOW AND WASTE COCONUT OIL IN A DIESEL ENGINE	B.E.	MECHANICAL ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Dr. AJITH B S	Mr. JEEVAN S Mr. ANIRUD C P Mr. EKAGRATH D GANIGA Mr. HARSHA G
4.	48S_BE_0884	DESIGN AND DEVELOPMENT OF AUTOMATIC PILL DISPENSER FOR ELDERLY CARE	B.E.	MECHANICAL ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. ABHISHEK K	Mr. RAVISHANKAR K S Mr. GURUCHARAN NAYAK K Mr. RAM RATHAN SHETTY Mr. MOHAMMED SIFRAN

5.	48S_BE_1374	DESIGN AND DEVELOPMENT OF VERTICAL AXIS WIND TURBINE FOR AERODYNAMIC ENHANCEMENTS	B.E.	MECHANICAL ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Dr. SHANKARA MURTHY H M Dr. AJITH B S	Mr. MOHAMMED SHIHAN SHEIKH Mr. ADITYA AVINASH Mr. ARYAN RAO Mr. RAHUL B HEGDE
6.	48S_BE_6336	DESIGN AND DEVELOPMENT OF SMART BIKE SIDE STAND	B.E.	MECHANICAL ENGINEERING	SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU	Prof. NATARAJ H.N	Mr. PAVAN KUMAR BN Mr. GAHAN AD Mr. LIKHITH N Mr. CHANDAN A
7.	48S_BE_3826	TROUBLE FREE AGRICULTURAL EQUIPMENT FOR CUTTING MAJOR NON IRRIGATED CROPS OF NORTH KARNATAKA REGION	B.E.	MECHANICAL ENGINEERING	SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Dr. SYED ABBAS ALI Mr. ALTAF HUSSAIN BAGWAN	Mr. VIVEK REDDY Mr. SATISH APARAJAR Mr. SANJEEV BUDIHAL Ms. VAISHALI BIRADAR
8.	48S_BE_1206	DESIGN AND DEVELOPMENT OF LOW COST AUTOMATED GUIDED VEHICLE PROTOTYPE FOR INDUSTRIAL AUTOMATION	B.E.	MECHANICAL ENGINEERING	SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG	Prof. SREENIVASA R Mr. RAVI S DURAGANNAVAR	Mr. GANESH M KALAGI Mr. NAVEENKUMAR S IMMADI Mr. RAKESH M DALAWAI Mr. RAMARUDH M RAMODAGI
9.	48S_BE_5458	DESIGN AND DEVELOPMENT OF A MODERN MECHANIZED PEPPER CLEANING MACHINE	B.E.	MECHANICAL ENGINEERING	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	Mr. HARISH BABU L Dr. YOGANANDA B S	Mr. RAKSHITH H C Ms. RAGI DIVYA SRI Mr. DARSHAN N Mr. SIVARAM KUMAR R
10.	48S_BE_4934	AUTONOMOUS AGRICULTURAL DRONE	B.E.	MECHANICAL ENGINEERING	SRINIVAS UNIVERSITY COLLEGE OF ENGINEERING AND TECHNOLOGY, MANGALURU	Prof. VUPPU SAI KRISHNA PRASAD Prof. VISHWAS SHETTY	Mr. SHREYANSH GARGELWAR Mr. ABHAY SINGH Mr. ARAVIND WILSON Mr. AKSHAY NAIR
11.	48S_BE_4606	EXPERIMENTAL AND NUMERICAL ANALYSIS OF LITHIUM NITRATE TRIHYDRATE PHASE CHANGE MATERIAL BASED THERMAL STORAGE USING FINS	B.E.	MECHANICAL ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Dr. SWARAJ D LEWIS	Mr. SOURAV JOSHI Mr. SAYED BILAL Mr. KARTHIK Mr. SANKET NAIK

12.	48S_BE_5037	DESIGN OF A HOT AND COLD WATER DISPENSER UNIT BY UTILIZING WASTE HEAT RECOVERY IN VAPOUR COMPRESSION REFRIGERATION SYSTEM	B.E.	MECHANICAL ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Dr. VIJAY V S	Mr. VINAY KUMAR D Mr. KRISHNA PRASAD S HERALA Mr. PRASANNA A SUVARNA Ms. VARSHA M A
13.	48S_BE_0744	MULTI HYBRID AGRO ROBUST THERESHER MACHINE	B.E.	MECHANICAL ENGINEERING	V.S.M'S SOMASHEKHAR R. KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPPANI, BELAGAAVI	Prof. KAILAS S PATHADE	Mr. TUSHAR A CHOUGULE Mr. VINAYAK A MANE Mr. MAHESH M MALAGENNAVAR Mr. CHANDRASHEKAR R DODAMANI
14.	48S_BE_3722	OPTIMIZATION OF STIFFENERS ON 3D PRINTED PLA UAV CHASSIS FOR QUADCOPTER	B.E.	MECHANICAL ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Dr. G V NAVEEN PRAKASH	Mr. S PUNEET KUMAR Mr. SATHYA KUMAR S Mr. SHASHANK M P Mr. SAKETH R
15.	48S_BE_6156	DESIGN AND DEVELOPMENT OF UNDERWATER ROVER	B.E.	MECHANICAL ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Dr. RAGHU N	Mr. ARMAAN M Mr. MANOHARA Mr. DHANUSH Y Mr. CHETHAN S
16.	48S_BE_6332	FABRICATION OF PANCHAKAJJAYA MAKING MACHINE	B.E.	MECHANICAL ENGINEERING	VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA	Dr. DEEPAK K B	Mr. AKSHAY P Y GOWDA Mr. BRIJESH K Mr. JAYARAJ Mr. KARTHIK KUMAR
17.	48S_BE_2299	EXPERIMENTAL STUDY ON THE MECHANICAL PROPERTIES OF WIRE ARC ADDITIVE MANUFACTURING AND METAL FUSION BED 3D PRINTING USING SS316L	B.E.	MECHANICAL ENGINEERING	YENEPOYA INSTITUTE OF TECHNOLOGY, MOODBIDRI, MANGALURU	Prof. RAVINDRA NAIK Prof. JAGANESH G C	Mr. PRATHAP Ms. KAVANA BAI K Mr. PRIYADARSHAN C POOJARY Mr. MOHAMMAD MUZAMIL